RY PROCESS

sis Gold Ores Respond Readily to Snider Treatment.

DIUM AND RADIO-ACTIVITY

ELTER TO BE BUILT AT SODA-

ADIUM AND RADIO-ACTIVITY ny Metals Are Radio-Active-How

to Make Tests.

Result of Experiments.

The result of the recent experiments been to show that many subinces, such as lead, iron, tin, platin and zinc, are radio-active, though a much less degree than radium and other well-known radio-active manted to the conclusion that many of ordinary metals are radio-active to yn that the radium impurity theory not sufficient to explain the phe Curves were then drawn tal had its own characteristic curve, I that all of these curves were differr, the theory that radio-activity is instance of the government on the nsas) which lead to the conclusion um, opens up a new line of speculam in larger quantities in the future atter for the scientist than for the nevertheless there are possibilinerals as a practical source of ra-

Detecting Radio-Activity. The United States geological survey gives in a recent circular the directions

or detecting radio-activity in any subtance. The circular says:
"The simplest means of detecting ra--activity in a substance is by the se of a photographic plate. The more nsitive the plate the better. The late should not be removed from the closing black paper, and a metal ob-ct should be laid upon this black pain a dark room; upon this should placed the specimen to be tested. Inils may be arranged so as to form the r-covered plate below the specimen e specimen should be left in the dark If the specimen has radio-active t or of the nail-formed initial will produced on the plate exactly as if had been exposed to the sun's rays with from half a pound to a pound of the material. The electrical method is ore reliable, but is much more diffi-

STRIKE CLOSE TO HAILEY.

Property Once Abandoned Turned Out Rich.

The old Union Pacific tunnel, that was driven in on the east slope of Della nountain by a company of Union Pafic clerks in the early days of Wood-River, is about to be utilized at last, says the Hailey Times.

Driven about 400 feet by railroad clerks who subscribed a portion of their monthly salaries to pay expenses, it was finally abandoned, then relocated by others and likewise abandoned.
Early last November Thomas Stacey

J. Rowley relocated it, naming it the Riverside, after prospecting the surface. The mountain being very steep, even precipitous, they at times Mufflers, Handkerchiefs, Night Robes, steep, even precipitous, they at times had to be hauled up and down on the ledge with ropes. By the 17th of No-BROWN, TERRY & WOODRUFF CO. vember they had traced the ledge on

the surface for 3,000 feet, and they located a second claim, which they called the Riverview. Several samples were taken from these claims, all of which assayed well, and some carried 140 silver and 65½ per cent lead per ton. Other samples car-

n the surface, Messrs. Rowley and stacey concluded to drive the Union Pacific tunnel to tap it. Lacking the means, they interested Captain Lusk and Foreman Holmes of the Tiptop mines, who intend to push the tunnel the ledge as rapidi; as men and

SMELTER FOR NEVADA. Montana Men Planning for a Plant

ciated with them are such well process. known men as H. T. Bragdon and L. L. shed to Patrick of Goldfield, with S. J. Gorm-

PLACERING ON COLORADO.

Denver Man Tells of Difficulties Met

in Handling High Bars.

the cannot be given as yet. There are insiderable deposits of this mineral in large and undoubtedly more will found, now that its nature and value are better understood.

There are the placers. He would have his own provender on hand and save the expense of the long haul in. His first year's crops were not very good, but I understand that he intends to persevere to see if he cannot be provended by the control of the long haul in the placers. ot eventually win out.

UTAH DIVIDEND COMMENT.

Not Yet Decided Whether It Will Be \$1.50 or \$2 a Share.

s1.30 or \$2 a share.

her the Utah Consolidated company declare a semi-annual dividend this the factor of \$1.50 per share, the same as six the ago, or advance the dividend to \$2, a Boston paper, her the last dividend was declared it stated officially that the next diviwould be \$2, as the cost of the ter enlargement had been met out urplus, and earnings warranted an eased dividend.

her appears to have been a change of

of surplus, and earnings warranted an increased dividend.

There appears to have been a change of leart, however, among some of the diectors. Director Untermeyer informs his riends that the dividend will be \$2, but dolph Lewisohn, who is stated to have hisposed of a large part of his holdings, ells his friends it will only be the regular rate of \$1.50, and President Broughton is declared to be "on the fence." He ways that it takes 195 days from the time trah copper leaves the smelter until it is sold and the cash is in the company's reasury, and 'this requires the use of a substantial surplus, and it may be addisable to only pay the regular dividend his time. He says, however, that the lath company is now earning at the rate of about \$6 per share per annum.

It would appear, therefore, that the question of the next Utah dividend has not been definitely settled, as Boston people have been led to believe it was. A lividend of \$2 per share, however, is quite likely, as earnings warrant such a dispursement in view of the strong position.

as earnings warrant such a dis ent in view of the strong position

MEADOW VALLEY GOLD.

For a Mile in Length the Ledge Carries Values.

ries Values.

While traveling through Meadow valley, on the southeastern part of Nevada, early last week, James Mann and Mike Smith, from Arizona, who have been prospecting in the state for the past month, discovered a ledge of gold-bearing rock over a mile long. The richest discovery was made near Crane springs, and the prospectors located a large number of claims. The ore assays from \$5 to \$17, and it is reported that claims are being located.

The report is that the ledge extends for over a mile along the wash, and that it gives good assays in all portions. The whole average of the ledge from eighty samples is \$5.50. The iSan Pedro, Los Angeles & Sait Lake railroad bed passes through the wash and a number of the claims are on railroad land.

It is said that a number of law suits will arise from this fact. It is also claimed that a portion of the roadbed of the railroad is composed of the ore, and that some prospectors are contemplating locating the roadbed as it contains the roadbed as the roadbed as it contains the roadbed as the roadbed as the roadbed as it contains the roadbed as the roadbe

Mining Notes.

At a meeting of the directors of the Beck Tunnel Consolidated company in Provo on Saturday, delinquent sale day for the late assessment was postponed to Jan. 12.

The Colton Wax Mines & Oil company perating at or near Colton, has trans-erred by mining deed its eight claims to he Ozokerite company, the price named in the deed being \$1 and other valuable con-

The books of the Silver King company close tomorrow on the extra Christmas dividend of \$100,000, which will be checked out on the 23d of the month.

A company is being formed in this city to operate a group of eleven claims in the Goldfield district, Nevada. Preminent operators are identified with the proposition, and a day or two will see the enterprise launched.

The work of broad gauging the C. & C. Is progressing rapidly, about 150 Japs and Greeks being employed. The long curve from Mound House will be Jone away with and a direct road run to Dayton. From there the rails for the broad gauge

There is no doubt at all that Sodaville will have a smelter in the near future, says the Tonopah Bonanza. W. W. Wishon and W. B. Stevens, the former representing Montana capital and the latter representing F. Sweeney of Buffalo Hump, have incorporated a company to construct it.

These gentlemen have not only an analysis of the second state of t

Foresters of America.

At its regular meeting Wednesday, evening, Court Salt Lake No. 1 elected the following officers; J. C. Cieveland, treasurer; Charles E. White, F. S.; S. M. Knapton, R. S.; W. H. Greening, lecturer; A. F. Boyle, S. W.; George Hull, J. W.; W. H. Waiker, S. B.; C. M. Woodle, J. B.; I. N. Harrison, trustee, long term; J. N. larrison, physician; Dr. VanDyke, St. Resolutions

Royal Arcanum.

At a large and enthusiastic meeting of Sait Lake council No. 1.517. Insid at its hall Thursday evening. Dec. 8, officers for the ensuing year were elected as follows: R. George O. Orr; V. R., Henry Coulom, ir.; P. R., H. A. Joplin; secretary, Ed L. Jones; O., E. M. Garnett; treasurer, T. P. Shepherd; call, J. Cruickshank; chaplain, P. L. Beemer; G., W. C. Coulson; W., A.

Fraternal Union. day in arranging and which will be given tonight. Committees were appointed to look after everything so that the fraters and their friends will be royally entertained. Every frater is expected to bring his or her friends and make the evening one to be remembered with pleasure.

The Royal Highlanders. Last Monday evening Utah castle No. | Mining and Commercial Stocks. | 338 assembled in hall No. 1, Federation |

WOOL PRICES GOING UP.

E. J. WILLS, Agent.

All veteran Odd Fellows are invited to attend a meeting to be held at the grand secretary's office Wednesday evening. Dec. 14, 1904, at 8 o'clock.

At the meeting of Naomi Rebekah lodge RROWN, TERRY & WOODRUFF CO., Tel. 193.

The Bath Robe, Smoking Jacket or agents from the pleasure of home life. We show novelties.

RROWN, TERRY & WOODRUFF CO., Tel. 193.

The Bath Robe, Smoking Jacket or agents from the pleasure of home life. We show novelties.

RROWN, TERRY & WOODRUFF CO., Tel. 193.

Dec. 14, 1904, at 8 o'clock.

At the meeting of Naomi Rebekah lodge
No. 1 on Saturday night the following officers were elected: Mrs. Robins, N. G.;
Mrs. Miller, V. G.; Miss F. Manning, recoording secretary; Mrs. Hardie, financial
secretary; Mrs. Brady, treasurer; Mrs.
Blackmarr, trustee.

The regular meeting of Oquirrh encampment No. 1 will be held tomorrow evening.

Royal Neighbors. trude Middleton; marshal, Nellie Ashton; inner sentinel, Mary Geisler; outer sentinel, Mary Mitchell; manager, Kate B. Bohee; delegate to state camp, Cora Chandler; physicians, Dr. H. A. Anderson O. B.

The J. B. McKean W. R. C. will hold its regular meeting Wednesday after-

Utah, Idaho and Wyoming. Offices in Progress Building, Salt Lake City.

****** NEW PRIVATE WIRE SERVICE

₹ JAMES A. POLLOCK & CO.

\$ 6 W. Second South St.

Salt Lake City.

Orders Promptly Executed in Stocks, Bonds, Cotton, Grain and Provisions. Private leased Wires with LOGAN & BRYAN, Correspondents, Members New York Stock Exchange, New York Cotton Exchange, Boston Stock Exchange, Chicago Board of Trade. We handle all prominent Utah Mining and Commercial Stocks.

PAUL S. OURFALIAN'S

MAGNIFICENT COLLECTION OF

ORIENTAL

RUGS

NEAR THE KNUTSFORD

AUCTION

At 245 South State Street

NEAR THE KNUTSFORD HOTEL.

TODAY, TUESDAY AND WEDNESDAY.

DEC. 12, 13, 14, AT 2:80 P. M, SHARP.

Turkish and Persian rugs at nominal prices.

fail to attend this sale. Open in the evenings.

245 SOUTH STATE ST.

The greatest chance for lovers of Oriental art to secure high grade

Parties looking for appropriate Christmas presents should not

PAUL S. OURFALIAN

Speaking about an appro-

priate Xmas gift

for a boy

How about a tool chest? We can give you one to correspond with

Tool chests from the wee toy size to the complete outfit for man-

ual training, sleds, skates and athletic goods also make good Xmas

the boy's efficiency, whether he is 2 years or 10 years of age.

15 W. 2d So. St., Salt Lake City, Utah.

HARRY SHIPLER HAS MOVED To 151% South Main street. 'Phone I go anywhere to photograph

LEGAL.

Delinquent Notice.

PETRO MINING COMPANY .- PRIN

Name.

Mrs. May B. Wheadon*
George W. Putnam....
Carrie L. Eslinger
W. O. Carbis
W. R. Campbell*
L. M. Kellogg*
Ir I. M. Kellogg*

M. Grant Hamilton
W. H. Hatteroth
Edward L. Hearn
H. B. Cole

marchotarra, co. m.c.	
Cert.	
No. Name. 40 C. R. Chamberlain	Shares.
40 C. R. Chamberlain	500
127 Chas. Tobias	1.000
133 Max Ernest	200
676 Chas. Tobias	333 1-3
779 Albert Moch	500
791 Albert Moch	150
891 Dave Lippman	125
131 Sarah A. Marshall	100
409 Albert Moch	200
543 Sol Toube	200
544 M. J. Levi	200
895 M. J. Kennedy	200
896 J. A. Cutler	200
897 H. Bodine	300
897 H. Bodine	1.100
And in accordance with	the law
he order of the board of d	irectors :
on the 22nd day of October	1994 en 1

Assessment No. 5.

SHARP MINING COMPANY, A CORporation. Principal place of business, Salt Lake City, Utah. Notice is hereby given that at a meeting of the board of directors of the Sharp Mining company, held at Salt Lake City, Utah, on the 12th day of November, 1904. an assessment of one-half (½) cent per share was levied upon the capital stock of the corporation, issued and outstanding, payable immediately to A. L. Jacobs, secretary, at room 305 Progress building, Salt Lake City, Utah. Any stock upon which this assessment may remain unpaid on the 15th day of December, 1904, will be delinquent and advertised for sale at public auction, and unless payment is made before, will be sold on the 5th day of January, 1955, at 3 p. m., to pay the delinquent assessment thereon, together with costs of advertising and expense of sale. ing and expense of sale.
A. L. JACOBS Secretary.

Sixty Years' Experience of an Old

Mrs. Winslow's Soothing Syrup is the prescription of one of the best female physicians and nurses in the United States, and has been used for sixty years with never-failing success by millions of mothers for their children. During the process of teething its value is incalculable. It relieves the child from pain, cures diarrhoea, griping in the bowels and wind coite. By giving health to the child it resis the mother. Price 25 cents a bottle.

Notice.

TO WHOM IT MAY CONCERN Notice is hereby given to the

Ultn. 4—Emma L. Iverson, rear 327 East Seventh South.
5-Mrs. A. W. Eardley, 621 South Main.
6-O. C. Brown. Z. East Sixth South,
7-M. H. McAllister, 155 East Sixth

11-Ephraim J. Swaner, 318 South Tenth

19-Jennie A. Froiseth, 20 West Sixth

L. C. Johnson, corner Third South Third West. Benjamin G. Guiver, 660 West First Mary H. Howells, 62 South Sixth

emple.
39—Mrs. John A. Maynes, 175 G street.
40—Ernest E. Brown. 353 Flifth street.
41—Henry T. Ball. 603 Flifth street.
42—Orson Allen. 830 Flirst street.
42—John A. DeValley, 1133 Flirst street.
44—Mrs. Maud R. Loofbourow, 45 South Welfth East.
45 Jennin Dayldson. 357 South Ninth

East. 52—Peter F. Goss. 263 South Main.
J. S. CRITCHLOW.
City Recorder.

*Balance.

And in accordance with law and an order of the board of directors, made on the 3d day of November, 1994, so many shares of each parcel of such stock as may be necessary will be sold at public and the office of the company, at 333-334-35 Atlas block, Salt Lake City, Utah, on Saturday, the 24th day of December, 1994, at 1 o'clock p. ... to pay the delinquent assessment thereon, together with the costs of advertising and expense of sale.

**Wabash Mining Company, Printipal place of business, Salt Lake City, Utah.—Notice: There are delinquent on the following described stock, on account of assessment. No. 10, levied on the 22nd day of October, 1994, the 10 place of business, Salt Lake City, Utah.—Notice: There are delinquent on the following described stock, on account of assessment. No. 10, levied on the 22nd day of October, 1994, the control of the composite the names of the respective shareholders, to-wit:

Oct.

No. Name.

Shares. Amt.

40 C. R. Chamberlain.

50 \$2.500

127 Chas. Toblas

20 10.60

128 Max Ernest

20 10.60

129 Chas. Toblas

20 10.60

130 Max Ernest

20 10 Control of directors, made on the follows: Said Lake City, Utah. Dec. 10, 1904.

Bast street: All of lots 1, 2, 6 Tronting on Second first, and \$1 block 29. Fronting on State streets and \$1 block 29. Fronting on State same are shown upon the official plats of said are said streets, is payable in three delinquent assessment thereon, together with the costs of advertising and expense of sale.

Wabash Mining Company. Printipal of the costs of advertising and expense of sale.

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Wabash Mining Company. Printipal of the costs of advertising and expense of sale.

Wabash Mining Company. Pr

the names of the revenue to the control of the cont

NOTICE IS HEREBY GIVEN THAT pursuant to the terms of the bonds of the Church of Jesus Christ of Latter-day Saints. Lorenzo Snow. trustee in trust, dated December 31st, 1898, there being sufficient money in the sinking fund for that purpose, the following described bonds of series A are hereby called for redemption on the first day of January, 1905, viz. \$100 bonds Nos. 1 to 500, inclusive...\$50,000 \$500 bonds Nos. 1 to 57, inclusive...\$28,500

Total \$78,500 Bonds must be presented to the under-signed, trustees, on or after January 3d, 1905, at the Deseret National bank, Salt Lake City, Utah, with coupons Nos. 13 to 22 attached, and interest will cease on all above described bonds on January 1st, 1905.

An Ordinance.

AN ORDINANCE LEVYING A TAX

Approved this 8th day of December, 19 RICHARD P. MORRIS, Mayor

Sec. 2. This ordinance shall take effect upon approval.

Passed by the city council of Salt Lake City. Utah, Dec. 7. 1994, and referred to the mayor for his approval.

J. S. CRITCHLOW, City Recorder.

Approved this 8th day of December, 1994.

RICHARD P. MORRIS, Mayor.

State of Utah, City and County of Salt Lake—ss:

I. J. S. Critchlow, city recorder of Salt Lake City, Utah, do hereby certify that the above and foregoing is a full, true and correct copy of an ordinance entitled. "An ordinance confirming the assessment upon the property on the north side of Sixth South street from State street to Second East street, on the west side of Second East street from Fifth South street to Seventh South street, on the north side of Seventh South street, and on the east side of State street, and on the east side of State street, and on the east side of State street, in sidewalk districts Nos. 9, 16 and 20, for the construction of cement sidewalks," passed by the city council of Salt Lake City, Utah, Dec. 7, 1904, and approved by the mayor Dec. 8, 1904, as appears of record in my office.

In witness whereof, I have hereunto set my hand and affixed the (Seal.) corporate seal of said city, this 19th day of December, 1904.

J. S. CRITCHLOW, City Recorder.

Bil No. 25.2.

Sidewalk extension No. 75. State of Utah, City and County of Salt

AN ORDINANCE CONFIRMING THE

Passed by the city council of Salt Lak City, Utah, Dec. 7, 1904, and referred the mayor for his approval. J. S. CRITCHLOW, City Recorder. Approved this 8th day of December, 190 RICHARD P. MORRIS, Mayor.

State of Utah, City and County of Salt and Tenth East streets, in sidewalk district No. 4, for the construction of a cement sidewalk." passed by the city council of Salt Lake City. Utah, Dec. 5, 1994, and approved by the mayor Dec. 8, 1994, as appears of record in my office.

In witness whereof, I have hereunto set my hand and affixed the (Seal.) corporate seal of said city, this 19th day of December, 1894.

J. S. CRITCHLOW, City Recorder.

Bill No. 154.

Sidewalk extension No. 74.

An Ordinance.

AN ORDINANCE LEVYING A TAX

the mayor for his approval.

J. S. CRITCHLOW, City Recorder.

Approved this 8th day of December, 1904.

RICHARD P. MORRIS, Mayor.

"An ordinance levying a tax and for the assessment of property on the west side of First West street from South Temple street to North Temple street, in sidewalk district No. 20, for the construction of a cement sidewalk," passed by the city eouncil of Salt Lake City, Utah, Dec. 7, 1904, and approved by the mayor Dec. 8, 1904, as appears of record in inv office. In witness whereof, I have hereunto set my hand and affixed the (Seal.) corporate seal of said city, this 16th day of December, 1904.

J. S. CRITCHLOW, City Recorder. Bill No. 155.
Sidewalk extension, No. 76

Sidewalk extension No. 76.

FROM SALT LAKE



9404000000000000000000000 SEE OUR WINDOW Our regular lines \$3.50 Shoes,

\$2.95 \$5, \$6 and \$7 Shoes, \$3.65

ONE WEEK ONLY.

Ben Davis, Prest. Aaren Levitt, Sec'y & Treas